

## METHOD AND APPARATUS FOR COLOR SPACE CONVERSION

5

### ABSTRACT OF THE DISCLOSURE

A method for converting between color space formats initiates with identifying a first color space format. Then, both an offset parameter and a scale parameter are selected. The offset parameter and the scale parameter are associated with the first color 10 space format. A conversion matrix configured to convert values associated with the first color space format to a second color space format is identified. When to apply the offset parameter and the scale parameter in relation to application of the conversion matrix is determined, i.e., to the input for the conversion matrix or to the output from the conversion matrix. A computer readable medium, a display controller and an integrated 15 circuit are also included.